

transmitter to be located in the same area as a ground station transmitter proposed in a pending application previously filed by the applicant, but on a different ground station communication channel, the subsequent application is treated as a major amendment to change the technical proposal of the prior application. The filing date of any application so amended is the date the FCC received the subsequent application.

(e) *Dismissal of premature applications for additional channel.* If the FCC receives an application requesting an additional ground station communication channel for an authorized ground station prior to receiving notification that the station is providing service to subscribers on the authorized channel(s), the FCC may dismiss that application without prejudice.

(f) *Dismissal of applications for seventh channel.* If the FCC receives an application requesting an additional ground station communication channel for an authorized ground station which would, if granted, result in that station being assigned more than six ground station communication channels in the same area, the FCC may dismiss that application without prejudice.

**§22.819 AGRAS compatibility requirement.**

Except as provided in paragraph (a) of this section, stations transmitting on the channels listed in §22.805 must operate in compliance with the technical and operational requirements contained in the document, "Technical Reference, Air-ground Radiotelephone Automated Service (AGRAS), System Operation and Equipment Characteristics", dated April 12, 1985.

(a) Until January 1, 1996, stations may continue to operate in compliance with the previous standard adopted in Docket 16073.

(b) Copies of the document referenced in this section may be obtained from the FCC's copying contractor.

**§22.821 Authorization for airborne mobile stations.**

An authorization separate from any ground station authorization is required for each airborne mobile station

that operates on the channels listed in §22.805. The operator of the airborne mobile station must apply for the authorization (FCC Form 409). The application must contain an affirmative representation that the applicant has made definite arrangements with a wireline common carrier for service and billing.

COMMERCIAL AVIATION AIR-GROUND  
SYSTEMS

**§22.857 Channel plan for commercial aviation air-ground systems.**

The 849–851 and 894–896 MHz frequency ranges are allocated for block assignment to nationwide air-ground systems providing radiotelephone service to passengers aboard commercial aircraft. These frequency ranges may also be used to provide service to persons in general aviation or other aircraft. Ground stations transmit on channels in the 849–851 MHz range. Airborne mobile stations transmit on channels in the 894–896 MHz range. Systems using these channels must conform to the channel plan described in this section.

(a) *Channel blocks.* The spectrum allocated for commercial aviation air-ground systems is divided into ten channel blocks, numbered 1 through 10. All ground stations in each geographical area must use the same channel block for communication with airborne mobile stations in flight, in accordance with §22.859.

(1) Each channel block is subdivided into 6 control channels labeled P-1 through P-6, and 29 communications channels labeled C-1 through C-29.

(2) The authorized channel bandwidths are as follows:

(i) Each control channel has a bandwidth of 3.2 kHz.

(ii) Each communications channel has a bandwidth of 6 kHz.

(b) The center frequencies (in Megahertz) of the communications and control channels are listed in Tables G-1 and G-2 of this section.